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NEWS	5	May 27 New UPM (Update Code Maximum) field for more efficient patent SDIs in Cplus
NEWS	6	May 27 Cplus super roles and document types searchable in REGISTRY
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NEWS	12	AUG 02 Cplus and CA patent records enhanced with European and Japan Patent Office Classifications
NEWS	13	AUG 02 STN User Update to be held August 22 in conjunction with the 228th ACS National Meeting
NEWS	14	AUG 02 The Analysis Edition of STN Express with Discover! (Version 7.01 for Windows) now available
NEWS	15	AUG 04 Pricing for the Save Answers for SciFinder Wizard within STN Express with Discover! will change September 1, 2004
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=> s (bioabsorb? or biodegrad?) and foam  
 L1 10167 (BIOABSORB? OR BIODEGRAD?) AND FOAM

=> s l1 and (pore# or (open cell#))  
 6 FILES SEARCHED...  
 L2 2527 L1 AND (PORE# OR (OPEN CELL#))

=> s l2 and (mesh or matrix)  
 L3 1536 L2 AND (MESH OR MATRIX)

=> s l3 and (drug delivery)  
 1 FILES SEARCHED...  
 L4 485 L3 AND (DRUG DELIVERY)

=> s l4 and (soft tissue) and repair  
 L5 94 L4 AND (SOFT TISSUE) AND REPAIR

=> s l5 and (growth factor)  
 1 FILES SEARCHED...  
 L6 74 L5 AND (GROWTH FACTOR)

=> s l6 and reinforc?  
 L7 22 L6 AND REINFORC?

=> d l7 1-22 ibib abs

L7 ANSWER 1 OF 22 USPATFULL on STN  
 ACCESSION NUMBER: 2004:179588 USPATFULL  
 TITLE: Devices and methods for treating defects in the tissue  
 of a living being  
 INVENTOR(S): Evans, Douglas G., Downingtown, PA, UNITED STATES  
 Goldman, Scott M., Paoli, PA, UNITED STATES  
 Kronengold, Russell T., Lansdale, PA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004138758	A1	20040715
APPLICATION INFO.:	US 2003-702622	A1	20031105 (10)

RELATED APPLN. INFO.: Continuation of Ser. No. US 2002-171248, filed on 13  
Jun 2002, PENDING  
DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: Jeffrey C. Kelly, Esq., Kensey Nash Corporation, 55  
East Uwchlan Avenue, Exton, PA, 19341  
NUMBER OF CLAIMS: 70  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 16 Drawing Page(s)  
LINE COUNT: 2138

AB An implantable material for deployment in select locations or select  
tissue for tissue regeneration is disclosed. The implant comprises  
collagen, ceramics, and or other bio-resorbable materials or additives,  
where the implant may also be used for therapy delivery. Additionally,  
the implant may be "matched" to provide the implant with similar  
physical and/or chemical properties as the host tissue.

L7 ANSWER 2 OF 22 USPATFULL on STN

ACCESSION NUMBER: 2004:166497 USPATFULL  
TITLE: Devices and methods for treating defects in the tissue  
of a living being  
INVENTOR(S): Evans, Douglas G., Downingtown, PA, UNITED STATES  
Goldman, Scott M., Paoli, PA, UNITED STATES  
Kronengold, Russell T., Landsdale, PA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004127987	A1	20040701
APPLICATION INFO.:	US 2003-713438	A1	20031114 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2002-171248, filed on 13 Jun 2002, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	Jeffrey C. Kelly, Kensey Nash Corporation, 55 East Uwchlan Avenue, Exton, PA, 19341		
NUMBER OF CLAIMS:	34		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	16 Drawing Page(s)		
LINE COUNT:	2067		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An implantable material for deployment in select locations or select  
tissue for tissue regeneration is disclosed. The implant comprises  
collagen, ceramics, and or other bio-resorbable materials or additives,  
where the implant may also be used for therapy delivery. Additionally,  
the implant may be "matched" to provide the implant with similar  
physical and/or chemical properties as the host tissue.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 3 OF 22 USPATFULL on STN

ACCESSION NUMBER: 2004:83736 USPATFULL  
TITLE: Devices and methods for treating defects in the tissue  
of a living being  
INVENTOR(S): Evans, Douglas G., Downingtown, PA, UNITED STATES  
Goldman, Scott M., Paoli, PA, UNITED STATES  
Kronengold, Russell T., Lansdale, PA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004064193	A1	20040401
APPLICATION INFO.:	US 2003-631431	A1	20030731 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2002-171248, filed on 13 Jun 2002, PENDING		

DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: Jeffrey C. Kelly, Esq., Kensey Nash Corporation, 55  
East Uwchlan Avenue, Exton, PA, 19341  
NUMBER OF CLAIMS: 50  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 10 Drawing Page(s)  
LINE COUNT: 2077

AB An implant for deployment in select locations or select tissue for regeneration of tissue is disclosed. The implant comprising collagen and or other bio-resorbable materials, where the implant may also be used for therapy delivery. Additionally, the implant may be "matched" to provide the implant with similar physical and/or chemical properties as the host tissue.

L7 ANSWER 4 OF 22 USPATFULL on STN

ACCESSION NUMBER: 2004:45440 USPATFULL  
TITLE: Devices and methods for treating defects in the tissue of a living being  
INVENTOR(S): Evans, Douglas G., Downingtown, PA, UNITED STATES  
Goldman, Scott M., Paoli, PA, UNITED STATES  
Kronengold, Russell T., Lansdale, PA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004034434	A1	20040219
APPLICATION INFO.:	US 2003-641629	A1	20030814 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2002-171248, filed on 13 Jun 2002, PENDING		

DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: Jeffrey C. Kelly, Esq., Kensey Nash Corporation, 55  
East Uwchlan Avenue, Exton, PA, 19341  
NUMBER OF CLAIMS: 69  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 16 Drawing Page(s)  
LINE COUNT: 2161

AB An implantable material for deployment in select locations or select tissue for tissue regeneration is disclosed. The implant comprises collagen, ceramics, and or other bio-resorbable materials or additives, where the implant may also be used for therapy delivery. Additionally, the implant may be "matched" to provide the implant with similar physical and/or chemical properties as the host tissue.

L7 ANSWER 5 OF 22 USPATFULL on STN

ACCESSION NUMBER: 2004:13525 USPATFULL  
TITLE: Resorbable structure for treating and healing of tissue defects  
INVENTOR(S): Evans, Douglas G., Downingtown, PA, UNITED STATES  
Kelly, Jeffrey C., Wilmington, DE, UNITED STATES  
DeWitt, Todd M., Pottstown, PA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004010048	A1	20040115
APPLICATION INFO.:	US 2002-222593	A1	20020815 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2002-190249, filed on 6 Jul 2002, PENDING		

DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: Jeffrey C. Kelly, Esq., Kensey Nash Corporation, 55  
East Uwchlan Avenue, Exton, PA, 19341

NUMBER OF CLAIMS: 17  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 6 Drawing Page(s)  
LINE COUNT: 962

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Devices and processes (e.g., improved Plasticized Melt Flow processes (PMF) or improved Phase Separation Polymer Concentration (PSPC), etc.) used to make resorbable and non-resorbable structures for treating and/or healing of tissue defects are disclosed. Among the advantages of using these improved processes are the preservation of molecular weight and the broadening of the processing conditions for temperature sensitive polymers and therapies. This reduction in processing temperature, pressure and time can help to preserve the molecular weight and/or integrity of the final product or any additive incorporated therein. The present invention relates to an improved porous implant wherein the pores of the implant present a second modeling material on their surfaces. This second material provides a textured or roughened face to the internal surfaces of pores. Additionally, this second material can be incorporated in sufficient quantity to, among other things, create a microporous network connecting interior closed cell pores with the exterior of the device.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 6 OF 22 USPATFULL on STN

ACCESSION NUMBER: 2004:12687 USPATFULL  
TITLE: Methods of using in situ hydration of hydrogel articles for sealing or augmentation of tissue or vessels  
INVENTOR(S): Sawhney, Amarpreet S., Bedford, MA, UNITED STATES  
PATENT ASSIGNEE(S): Incept LLC (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004009205	A1	20040115
APPLICATION INFO.:	US 2003-616055	A1	20030709 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1998-134199, filed on 14 Aug 1998, GRANTED, Pat. No. US 6605294		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	Patterson, Thunte, Skaar & Christensen, P.A., 4800 IDS Center, 80 South 8th Street, Minneapolis, MN, 55402-2100		
NUMBER OF CLAIMS:	69		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1393		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Pharmaceutically acceptable hydrogel polymers of natural, recombinant or synthetic origin, or hybrids thereof, are introduced in a dry, less hydrated, or substantially deswollen state and rehydrate in a physiological environment to undergo a volumetric expansion and to affect sealing, plugging, or augmentation of tissue, defects in tissue, or of organs. The hydrogel polymers may deliver therapeutic entities by controlled release at the site. Methods to form useful devices from such polymers, and to implant the devices are provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 7 OF 22 USPATFULL on STN

ACCESSION NUMBER: 2004:7906 USPATFULL  
TITLE: Resorbable structure for treating and healing of tissue defects  
INVENTOR(S): Evans, Douglas G., Downingtown, PA, UNITED STATES  
Kelly, Jeffrey C., Wilmington, DE, UNITED STATES  
DeWitt, Todd M., Pottstown, PA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004006146	A1	20040108
APPLICATION INFO.:	US 2002-190249	A1	20020706 (10)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	Jeffrey C. Kelly, Kensey Nash Corporation, 55 East Uwchlan Avenue, Exton, PA, 19341		
NUMBER OF CLAIMS:	32		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	5 Drawing Page(s)		
LINE COUNT:	973		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Devices and processes (e.g., improved Plasticized Melt Flow processes (PMF) or improved Phase Separation Polymer Concentration (PSPC), etc.) used to make resorbable and non-resorbable structures for treating and/or healing of tissue defects are disclosed. Among the advantages of using these improved processes are the preservation of molecular weight and the broadening of the processing conditions for temperature sensitive polymers and therapies (e.g. polylactide, polyglycolide, polycaprolactone or Cisplatin, etc.). This reduction in processing temperature, pressure and time can help to preserve the molecular weight and/or integrity of the final product or any additive incorporated therein. Additionally, pore size and shape tailoring can increase the osteoconductive nature of the device.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 8 OF 22 USPATFULL on STN

ACCESSION NUMBER: 2003:335694 USPATFULL  
 TITLE: Devices and methods for treating defects in the tissue of a living being  
 INVENTOR(S): Evans, Douglas G., Downingtown, PA, UNITED STATES  
 Goldman, Scott M., Paoli, PA, UNITED STATES  
 Kronengold, Russell T, Lansdale, PA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003236573	A1	20031225
APPLICATION INFO.:	US 2002-171248	A1	20020613 (10)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	Jeffrey C. Kelly, Kensey Nash Corporation, 55 E. Uwchlan Avenue, Exton, PA, 19341		
NUMBER OF CLAIMS:	41		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	10 Drawing Page(s)		
LINE COUNT:	2061		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An implant for deployment in select locations or select tissue for regeneration of tissue is disclosed. The implant comprising collagen and or other bio-resorbable materials, where the implant may also be used for therapy delivery. Additionally, the implant may be "matched" to provide the implant with similar physical and/or chemical properties as the host tissue.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 9 OF 22 USPATFULL on STN

ACCESSION NUMBER: 2003:225376 USPATFULL  
 TITLE: Compositions and methods for treating or preventing inflammatory diseases  
 INVENTOR(S): Hunter, William L., Vancouver, CANADA

PATENT ASSIGNEE(S): Angiotech Pharmaceuticals, Inc., Vancouver, CANADA  
(non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003157187	A1	20030821
APPLICATION INFO.:	US 2002-172737	A1	20020613 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1999-368871, filed on 4 Aug 1999, PENDING Continuation-in-part of Ser. No. US 1998-88546, filed on 1 Jun 1998, PENDING Continuation-in-part of Ser. No. US 1997-980549, filed on 1 Dec 1997, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-32215P	19961202 (60)
	US 1997-63087P	19971024 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092	
NUMBER OF CLAIMS:	45	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	107 Drawing Page(s)	
LINE COUNT:	8457	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Methods and compositions for treating or preventing inflammatory diseases such as psoriasis or multiple sclerosis are provided, comprising the step of delivering to the site of inflammation an anti-microtubule agent, or analogue or derivative thereof.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 10 OF 22 USPATFULL on STN

ACCESSION NUMBER: 2003:123327 USPATFULL  
TITLE: Method of preparing a tissue sealant-treated biomedical material

INVENTOR(S): Burgess, Willson H., Gaithersburg, MD, United States  
Greisler, Howard P., Chicago, IL, United States  
Drohan, William N., Springfield, VA, United States  
Maciag, Thomas, Rockville, MD, United States  
MacPhee, Martin J., Gaithersburg, MD, United States

PATENT ASSIGNEE(S): Loyola University of Chicago, United States (U.S. corporation)  
The American National Red Cross, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6559119	B1	20030506
APPLICATION INFO.:	US 1995-486048		19950607 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1994-351006, filed on 7 Dec 1994, now abandoned Continuation-in-part of Ser. No. US 1994-328552, filed on 25 Oct 1994, now abandoned Continuation of Ser. No. US 1993-31164, filed on 12 Mar 1993, now abandoned Continuation-in-part of Ser. No. US 1990-618419, filed on 27 Nov 1990, now abandoned Continuation-in-part of Ser. No. US 1991-798919, filed on 27 Nov 1991, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Witz, Jean C.		
LEGAL REPRESENTATIVE:	Sterne, Kessler, Goldstein & Fox, P.L.L.C.		
NUMBER OF CLAIMS:	36		

EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 50 Drawing Figure(s); 36 Drawing Page(s)  
LINE COUNT: 4892

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention provides methods for the preparation of a tissue sealant-treated biomaterial, wherein the tissue sealant used in the method comprises at least one composition which is selected from one or more antibodies, analgesics, anticoagulants, anti-inflammatory compounds, antimicrobial compositions, antiproliferatives, cytokines, cytotoxins, drugs, growth factors, interferons, hormones, lipids, demineralized bone or bone morphogenetic proteins, cartilage inducing factors, oligonucleotides polymers, polysaccharides, polypeptides, protease inhibitors, vasoconstrictors or vasodilators, vitamins, minerals, stabilizers and the like. Further provided are the biomaterial prepared therefrom, including vascular grafts.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 11 OF 22 USPATFULL on STN

ACCESSION NUMBER: 2003:57112 USPATFULL

TITLE: Shaped load-bearing osteoimplant and methods of making same

INVENTOR(S): Boyce, Todd M., Aberdeen, NJ, UNITED STATES  
Shimp, Lawrence, Morganville, NJ, UNITED STATES  
Manrique, Albert, Aberdeen, NJ, UNITED STATES  
Winterbottom, John M., Jackson, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003039676	A1	20030227
	US 6696073	B2	20040224
APPLICATION INFO.:	US 2002-229767	A1	20020827 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2001-911562, filed on 24 Jul 2001, GRANTED, Pat. No. US 6440444 Continuation of Ser. No. US 1999-256447, filed on 23 Feb 1999, GRANTED, Pat. No. US 6294187		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	Peter G. Dilworth, Esq., DILWORTH & BARRESE, LLP, 333 Earle Ovington Blvd., Uniondale, NY, 11553		
NUMBER OF CLAIMS:	54		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	19 Drawing Page(s)		
LINE COUNT:	1853		

AB A load-bearing osteoimplant, methods of making the osteoimplant and method for repairing hard tissue such as bone and teeth employing the osteoimplant are provided. The osteoimplant comprises a shaped, coherent mass of bone particles which may exhibit osteogenic properties. In addition, the osteoimplant may possess one or more optional components which modify its mechanical and/or bioactive properties, e.g., binders, fillers, reinforcing components, etc.

L7 ANSWER 12 OF 22 USPATFULL on STN

ACCESSION NUMBER: 2002:332754 USPATFULL

TITLE: Method for treating multiple sclerosis

INVENTOR(S): Hunter, William L., Vancouver, CANADA

PATENT ASSIGNEE(S): Angiotech Pharmaceuticals, Inc., Vancouver, CANADA  
(non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6495579	B1	20021217
APPLICATION INFO.:	US 1998-88546		19980601 (9)



RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1997-980549, filed on 1 Dec 1997

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-63087P	19971024 (60)
	US 1996-32215P	19961202 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Geist, Gary	
ASSISTANT EXAMINER:	Crane, L. E.	
LEGAL REPRESENTATIVE:	Seed Intellectual Property Law Group PLLC	
NUMBER OF CLAIMS:	29	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	167 Drawing Figure(s); 107 Drawing Page(s)	
LINE COUNT:	8213	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Methods and compositions for treating or preventing inflammatory diseases such as psoriasis or multiple sclerosis are provided, comprising the step of delivering to the site of inflammation an anti-microtubule agent, or analogue or derivative thereof.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 13 OF 22 USPATFULL on STN

ACCESSION NUMBER: 2002:323211 USPATFULL  
TITLE: Compositions and methods for treating or preventing inflammatory diseases  
INVENTOR(S): Hunter, William L., Vancouver, CANADA  
PATENT ASSIGNEE(S): Angiotech Pharmaceuticals, Inc., Vancouver, CANADA (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002183380	A1	20021205
	US 6689803	B2	20040210
APPLICATION INFO.:	US 2002-67467	A1	20020205 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1999-368463, filed on 4 Aug 1999, ABANDONED Division of Ser. No. US 1998-88546, filed on 1 Jun 1998, PENDING Continuation-in-part of Ser. No. US 1997-980549, filed on 1 Dec 1997, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-32215P	19961202 (60)
	US 1997-63087P	19971024 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092	
NUMBER OF CLAIMS:	16	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	107 Drawing Page(s)	
LINE COUNT:	8178	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Methods and compositions for treating or preventing inflammatory diseases such as psoriasis or multiple sclerosis are provided, comprising the step of delivering to the site of inflammation an anti-microtubule agent, or analogue or derivative thereof.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 14 OF 22 USPATFULL on STN

ACCESSION NUMBER: 2002:191539 USPATFULL

TITLE: Full-length human cDNAs encoding potentially secreted proteins  
INVENTOR(S): Milne Edwards, Jean-Baptiste Dumas, Paris, FRANCE  
Bougueleret, Lydie, Petit Lancy, SWITZERLAND  
Jobert, Severin, Paris, FRANCE

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002102604	A1	20020801
APPLICATION INFO.:	US 2000-731872	A1	20001207 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-169629P	19991208 (60)
	US 2000-187470P	20000306 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	John Lucas, Ph.D., J.D., Genset Corporation, 10665 Srrento Valley Road, San Diego, CA, 92121-1609	
NUMBER OF CLAIMS:	29	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	5 Drawing Page(s)	
LINE COUNT:	28061	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention concerns GENSET polynucleotides and polypeptides. Such GENSET products may be used as reagents in forensic analyses, as chromosome markers, as tissue/cell/organelle-specific markers, in the production of expression vectors. In addition, they may be used in screening and diagnosis assays for abnormal GENSET expression and/or biological activity and for screening compounds that may be used in the treatment of GENSET-related disorders.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 15 OF 22 USPATFULL on STN  
ACCESSION NUMBER: 2002:22462 USPATFULL  
TITLE: COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING  
INFLAMMATORY DISEASES  
INVENTOR(S): HUNTER, WILLIAM L., VANCOUVER, CANADA

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002013298	A1	20020131
APPLICATION INFO.:	US 1999-368463	A1	19990804 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1998-88546, filed on 1 Jun 1998, PENDING Continuation-in-part of Ser. No. US 1997-980549, filed on 1 Dec 1997, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-32215P	19961202 (60)
	US 1997-63087P	19971024 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092	
NUMBER OF CLAIMS:	45	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	110 Drawing Page(s)	
LINE COUNT:	8318	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Methods and compositions for treating or preventing inflammatory diseases such as psoriasis or multiple sclerosis are provided, comprising the step of delivering to the site of inflammation an

anti-microtubule agent, or analogue or derivative thereof.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 16 OF 22 USPATFULL on STN

ACCESSION NUMBER: 2001:218031 USPATFULL

TITLE: METHODS OF USING IN SITU HYDRATION OF HYDROGEL ARTICLES

FOR SEALING OR AUGMENTATION OF TISSUE OR VESSELS

INVENTOR(S): SAWHNEY, AMARPREET S., BEDFORD, MA, United States

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001046518	A1	20011129
	US 6605294	B2	20030812
APPLICATION INFO.:	US 1998-134199	A1	19980814 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	NICOLA A PISANO, FISH AND NEAVE, 1251 AVENUE OF THE AMERICAS, NEW YORK, NY, 10020		
NUMBER OF CLAIMS:	30		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1382		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Pharmaceutically acceptable hydrogel polymers of natural, recombinant or synthetic origin, or hybrids thereof, are introduced in a dry, less hydrated, or substantially deswollen state and rehydrate in a physiological environment to undergo a volumetric expansion and to affect sealing, plugging, or augmentation of tissue, defects in tissue, or of organs. The hydrogel polymers may deliver therapeutic entities by controlled release at the site. Methods to form useful devices from such polymers, and to implant the devices are provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 17 OF 22 USPATFULL on STN

ACCESSION NUMBER: 2001:32823 USPATFULL

TITLE: Supplemented and unsupplemented tissue sealants, methods of their production and use

INVENTOR(S): MacPhee, Martin James, Gaithersburg, MD, United States

Drohan, William Nash, Springfield, VA, United States

Lasa, Jr., Carlos I., Quezon, Philippines

Liau, Gene, Darnestown, MD, United States

Haudenschield, Christian, Rockville, MD, United States

PATENT ASSIGNEE(S): The American National Red Cross, Washington, DC, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6197325	B1	20010306
APPLICATION INFO.:	US 1995-474084		19950607 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1994-351006, filed on 7 Dec 1994, now abandoned Continuation-in-part of Ser. No. US 1994-328552, filed on 25 Oct 1994, now abandoned Continuation of Ser. No. US 1993-31164, filed on 12 Mar 1993, now abandoned Continuation-in-part of Ser. No. US 1990-618419, filed on 27 Nov 1990, now abandoned Continuation-in-part of Ser. No. US 1991-798919, filed on 27 Nov 1991, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Woodward, Michael P.		
ASSISTANT EXAMINER:	Zeman, Mary K		
LEGAL REPRESENTATIVE:	Sterne, Kessler, Goldstein & Fox P.L.L.C.		
NUMBER OF CLAIMS:	48		

EXEMPLARY CLAIM: 1,2,3  
NUMBER OF DRAWINGS: 50 Drawing Figure(s); 36 Drawing Page(s)  
LINE COUNT: 4805

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention provides methods for the localized delivery of supplemented tissue sealants, wherein the supplemented tissue sealants comprise at least one composition which is selected from one or more antibodies, analgesics, anticoagulants, anti-inflammatory compounds, antimicrobial compositions, antiproliferatives, cytokines, cytotoxins, drugs, growth factors, interferons, hormones, lipids, demineralized bone or bone morphogenetic proteins, cartilage inducing factors, oligonucleotides polymers, polysaccharides, polypeptides, protease inhibitors, vasoconstrictors or vasodilators, vitamins, minerals, stabilizers and the like. Further provided are methods of using the site-specific supplemented tissue sealants, including preparation of a biomaterial.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 18 OF 22 USPATFULL on STN

ACCESSION NUMBER: 2000:128306 USPATFULL  
TITLE: Chitin hydrogels, methods of their production and use  
INVENTOR(S): Drohan, William N., Springfield, VA, United States  
MacPhee, Martin J., Gaithersburg, MD, United States  
Miekka, Shirley I., Gaithersburg, MD, United States  
Singh, Manish S., Columbia, MD, United States  
Elson, Clive, Halifax, Canada  
Taylor, Jr., John R., New York, NY, United States  
PATENT ASSIGNEE(S): Chitogenics, Inc., Morristown, NJ, United States (U.S. corporation)  
The American National Red Cross, Washington, DC, United States (U.S. corporation)  
Coalition for Hemophilia B, New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6124273		20000926
APPLICATION INFO.:	US 1997-960555		19971013 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1996-659999, filed on 7 Jun 1996, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1995-109P	19950609 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Fonda, Kathleen K.	
LEGAL REPRESENTATIVE:	Lahive & Cockfield, LLP	
NUMBER OF CLAIMS:	32	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	6 Drawing Figure(s); 3 Drawing Page(s)	
LINE COUNT:	2441	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention is directed to the preparation and utilization of supplemented chitin hydrogels, such as chitosan hydrogels. Further provided are biomaterials comprising same. The particular supplement delivered by the chitin hydrogel is selected as a function of its intended use. In one embodiment, this invention provides a composition of matter, comprising a chitin hydrogel or chitin-derived hydrogel, wherein the hydrogel does not inhibit full-thickness skin wound healing.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 19 OF 22 USPATFULL on STN

ACCESSION NUMBER: 2000:121069 USPATFULL  
TITLE: Supplemented and unsupplemented tissue sealants, method  
of their production and use  
INVENTOR(S): MacPhee, Martin James, Gaithersburg, MD, United States  
Drohan, William Nash, Springfield, VA, United States  
Liau, Gene, Darnestown, MD, United States  
Haudenschild, Christian, Rockville, MD, United States  
PATENT ASSIGNEE(S): The American National Red Cross, Falls Church, VA,  
United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6117425		20000912
APPLICATION INFO.:	US 1995-474086		19950607 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1994-351006, filed on 7 Dec 1994, now abandoned which is a continuation-in-part of Ser. No. US 1994-328552, filed on 25 Oct 1994, now abandoned which is a continuation of Ser. No. US 1993-31164, filed on 12 Mar 1993, now abandoned which is a continuation-in-part of Ser. No. US 1990-618419, filed on 27 Nov 1990, now abandoned which is a continuation-in-part of Ser. No. US 1991-798919, filed on 27 Nov 1991, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Woodward, M Patrick		
ASSISTANT EXAMINER:	Zeman, Mary K		
LEGAL REPRESENTATIVE:	Sterne, Kessler Goldstein & Fox P.L.L.C.		
NUMBER OF CLAIMS:	57		
EXEMPLARY CLAIM:	1,2,3		
NUMBER OF DRAWINGS:	53 Drawing Figure(s); 36 Drawing Page(s)		
LINE COUNT:	4910		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention provides supplemented tissue sealants, methods for their  
production and use thereof. Disclosed are tissue sealants supplemented  
with at least one cytotoxin or cell proliferation inhibiting  
composition. The composition may be further supplemented with, for  
example, one or more antibodies, analgesics, anticoagulants,  
anti-inflammatory compounds, antimicrobial compositions, cytokines,  
drugs, growth factors, interferons, hormones, lipids, demineralized bone  
or bone morphogenetic proteins, cartilage inducing factors,  
oligonucleotides polymers, polysaccharides, polypeptides, protease  
inhibitors, vasoconstrictors or vasodilators, vitamins, minerals,  
stabilizers and the like.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 20 OF 22 USPATFULL on STN

ACCESSION NUMBER: 2000:50372 USPATFULL  
TITLE: Supplemented and unsupplemented tissue sealants,  
methods of their production and use  
INVENTOR(S): MacPhee, Martin James, Gaithersburg, MD, United States  
Drohan, William Nash, Springfield, VA, United States  
Woolverton, Christoper J., Kent, OH, United States  
PATENT ASSIGNEE(S): The American National Red Cross, Washington, DC, United  
States (U.S. government)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6054122		20000425
APPLICATION INFO.:	US 1995-479034		19950607 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1994-351006, filed on 7 Dec 1994, now abandoned which is a		

continuation-in-part of Ser. No. US 1994-328552, filed on 25 Oct 1994, now abandoned which is a continuation of Ser. No. US 1993-31164, filed on 12 Mar 1993, now abandoned which is a continuation-in-part of Ser. No. US 1990-618419, filed on 27 Nov 1990, now abandoned And a continuation-in-part of Ser. No. US 1991-798919, filed on 27 Nov 1991, now abandoned

DOCUMENT TYPE: Utility  
FILE SEGMENT: Granted  
PRIMARY EXAMINER: Smith, Lynette F.  
ASSISTANT EXAMINER: Zeman, Mary K  
LEGAL REPRESENTATIVE: Sterne, Kessler, Goldstein & Fox P.L.L.C.  
NUMBER OF CLAIMS: 43  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 50 Drawing Figure(s); 36 Drawing Page(s)  
LINE COUNT: 4855

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention provides a fibrin sealant dressing, wherein said fibrin sealant may be supplemented with at least one composition selected from, for example, one or more regulatory compounds, antibody, antimicrobial compositions, analgesics, anticoagulants, antiproliferatives, anti-inflammatory compounds, cytokines, cytotoxins, drugs, growth factors, interferons, hormones, lipids, demineralized bone or bone morphogenetic proteins, cartilage inducing factors, oligonucleotides polymers, polysaccharides, polypeptides, protease inhibitors, vasoconstrictors or vasodilators, vitamins, minerals, stabilizers and the like. Also disclosed are methods of preparing and/or using the unsupplemented or supplemented fibrin sealant dressing.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 21 OF 22 USPATFULL on STN

ACCESSION NUMBER: 95:22695 USPATFULL  
TITLE: Resorbable materials based on independently gelling polymers of a single enantiomeric lactide  
INVENTOR(S): Coombes, Allan G. A., San Antonio, TX, United States  
Heckman, James D., San Antonio, TX, United States  
Boyan, Barbara D., San Antonio, TX, United States  
PATENT ASSIGNEE(S): Board of Regents, The University of Texas System,  
Austin, TX, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5397572		19950314
APPLICATION INFO.:	US 1993-162633		19931202 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1990-528968, filed on 24 May 1990, now abandoned And a continuation of Ser. No. US 1992-914992, filed on 16 Jul 1992, now patented, Pat. No. US 5290494 which is a continuation of Ser. No. US 1990-528968, filed on 24 May 1990, now abandoned which is a continuation-in-part of Ser. No. US 1990-489078, filed on 5 Mar 1990, now abandoned		

DOCUMENT TYPE: Utility  
FILE SEGMENT: Granted  
PRIMARY EXAMINER: Foelak, Morton  
LEGAL REPRESENTATIVE: Anold, White & Durkee  
NUMBER OF CLAIMS: 19  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 2 Drawing Figure(s); 1 Drawing Page(s)  
LINE COUNT: 1041

AB Resorbable materials and their preparation based on gelling a solution of a single polylactide enantiomer. The gel may be dried to produce solid materials, or may be extracted with a nonsolvent prior to drying to make microporous materials. Physical and mechanical properties of the

material may be varied by varying the molecular weight of the gelling polymer, or by blending the gelling solution with other polymers or fillers. The resorbable materials can be used to make **biodegradable** implantation devices.

L7 ANSWER 22 OF 22 USPATFULL on STN

ACCESSION NUMBER: 94:17735 USPATFULL

TITLE: Process of making a resorbable implantation device

INVENTOR(S): Coombes, Allan G. A., San Antonio, TX, United States

Heckman, James D., San Antonio, TX, United States

Boyan, Barbara D., San Antonio, TX, United States

PATENT ASSIGNEE(S): Board of Regents, The University of Texas System,  
Austin, TX, United States (U.S. corporation)

	NUMBER	KIND	DATE
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PATENT INFORMATION:	US 5290494		19940301
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APPLICATION INFO.:	US 1992-914992		19920716 (7)
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RELATED APPLN. INFO.:	Continuation of Ser. No. US 1990-528968, filed on 24 May 1990, now abandoned which is a continuation-in-part of Ser. No. US 1990-489078, filed on 5 Mar 1990, now abandoned		
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DOCUMENT TYPE:	Utility		
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FILE SEGMENT:	Granted		
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PRIMARY EXAMINER:	Tentoni, Leo B.		
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LEGAL REPRESENTATIVE:	Arnold, White & Durkee		
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NUMBER OF CLAIMS:	32		
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EXEMPLARY CLAIM:	1		
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NUMBER OF DRAWINGS:	2 Drawing Figure(s); 1 Drawing Page(s)		
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LINE COUNT:	1071		
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AB Resorbable materials and their preparation based on gelling a solution of a single polylactide enantiomer. The gel may be dried to produce solid materials, or may be extracted with a nonsolvent prior to drying to make microporous materials. Physical and mechanical properties of the material may be varied by varying the molecular weight of the gelling polymer, or by blending the gelling solution with other polymers or fillers. The resorbable materials can be used to make **biodegradable** implantation devices.